

## EAST Search History

| Ref # | Hits | Search Query  | DBs  | Default Operator | Plurals | Time Stamp       |
|-------|------|---|--|------------------|---------|------------------|
| S1    | 2    | ("20050226102").PN.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2007/07/26 13:57 |
| S2    | 2    | ("6058077").PN.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2007/07/26 14:01 |
| S3    | 0    | "EP 0913818"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/07/26 14:03 |
| S4    | 43   | masafumi near5 yoshihiro  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/07/26 14:03 |
| S5    | 2    | ("20050207328").PN.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2007/07/31 13:49 |
| S6    | 66   | (369/13.05).OCLS.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2007/08/01 09:34 |
| S7    | 95   | (multi\$3 near5 (optical near5 record\$3))<br>and (long near5 wavelength) | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/08/02 15:21 |

## EAST Search History

|     |    |  |  |    |    |                  |
|-----|----|--|--|----|----|------------------|
| S8  | 9  | S7 and (((first second) same temperature\$1) same higher)                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/02 15:21 |
| S9  | 7  | S8 and ((focus\$3 photodetector\$3) same light\$1)                             | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/02 15:22 |
| S10 | 45 | (((magneto\$optic\$2 same storage) same readout) same layer) same domain)      | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/02/19 09:14 |
| S11 | 25 | S10 and pulse  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/02/19 09:14 |
| S12 | 25 | S11 and field  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/02/19 09:15 |
| S13 | 10 | S12 and clock  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/02/19 09:15 |
| S14 | 3  | ((((read\$out same pulse) same copy\$3) same mark) same magnet\$5) same clock) | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/02/19 09:22 |

## EAST Search History

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|-----|--------|--|--|----|----|------------------|
| S15 | 244515 | magnet\$3 near5 optic\$3                             | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/02/19 09:28 |
| S16 | 59929  | (read\$out storage) near5 layer\$1                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/02/19 09:28 |
| S17 | 133    | (readout near9 pulse) same domain                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/02/19 09:29 |
| S18 | 243    | (mark near5 region) same copy\$3                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/02/19 09:30 |
| S19 | 1139   | (radiat\$3 near5 power) same (magnet\$3 near5 field) | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/02/19 09:31 |
| S20 | 345325 | clock near6 signal                                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/02/19 09:31 |
| S21 | 4321   | S15 and S16  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/02/19 09:31 |

## EAST Search History

|     |    |               |  |    |    |                  |
|-----|----|---------------|--|----|----|------------------|
| S22 | 8  | S17 and S21   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/02/19 09:32 |
| S23 | 41 | S18 and S21   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/02/19 09:35 |
| S24 | 36 | S19 and S21   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/02/19 09:35 |
| S25 | 24 | S19 and S23   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/02/19 09:35 |
| S26 | 31 | S20 and S23   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/02/19 09:35 |
| S27 | 15 | S20 and S25   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/02/19 09:36 |
| S28 | 2  | "20050219961" | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/02/19 10:05 |

## EAST Search History

|     |        |                                  |  |    |    |                  |
|-----|--------|----------------------------------|--|----|----|------------------|
| S29 | 12857  | deviat\$3 same clock             | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/02/26 13:26 |
| S30 | 8700   | deviat\$3 same phase same error  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/02/26 13:27 |
| S31 | 8819   | deviat\$3 same clock same signal | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/02/26 13:27 |
| S32 | 1115   | S30 and S31                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/02/26 13:27 |
| S33 | 904309 | modulate synchroniz\$5           | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/02/26 13:28 |
| S34 | 818    | S32 and S33                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/02/26 13:28 |
| S35 | 402    | S34 and PLL                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/02/26 13:29 |

## EAST Search History

|     |       |   |  |    |    |                  |
|-----|-------|---|--|----|----|------------------|
| S36 | 25424 | recover near6 signal  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/02/26 13:29 |
| S37 | 43    | S35 and S36   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/02/26 13:29 |
| S38 | 5434  | deviat\$3 with synchroniz\$5  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/02/26 13:49 |
| S39 | 2776  | deviat\$3 near6 synchroniz\$5   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/02/26 13:49 |
| S40 | 354   | deviat\$3 near6 synchroniz\$5 near6 clock                                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/02/26 13:50 |
| S41 | 95    | deviat\$3 same phase same error same<br>recover\$3 same clock same signal | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/02/26 14:27 |
| S42 | 64    | S33 and S41   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/02/26 14:27 |

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|     |        |                             |  |    |    |                  |
|-----|--------|-----------------------------|--|----|----|------------------|
| S43 | 6538   | readout near6 pulse         | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/02/27 13:26 |
| S44 | 345763 | clock near6 signal          | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/02/27 13:27 |
| S45 | 381451 | control near6 (pulse clock) | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/02/27 13:28 |
| S47 | 450    | S43 same S44                | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/02/27 13:28 |
| S48 | 142    | S45 same S47                | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/02/27 13:29 |
| S49 | 7      | S48 and magneto\$optical    | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/02/27 13:29 |
| S50 | 190    | 369/13.01                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/03/11 13:49 |

## EAST Search History

|     |     |           |  |    |    |                  |
|-----|-----|-----------|--|----|----|------------------|
| S51 | 354 | 369/47.12 | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/03/11 13:50 |
|-----|-----|-----------|--|----|----|------------------|